

22-141 50 SHEETS
 22-142 100 SHEETS
 22-144 200 SHEETS

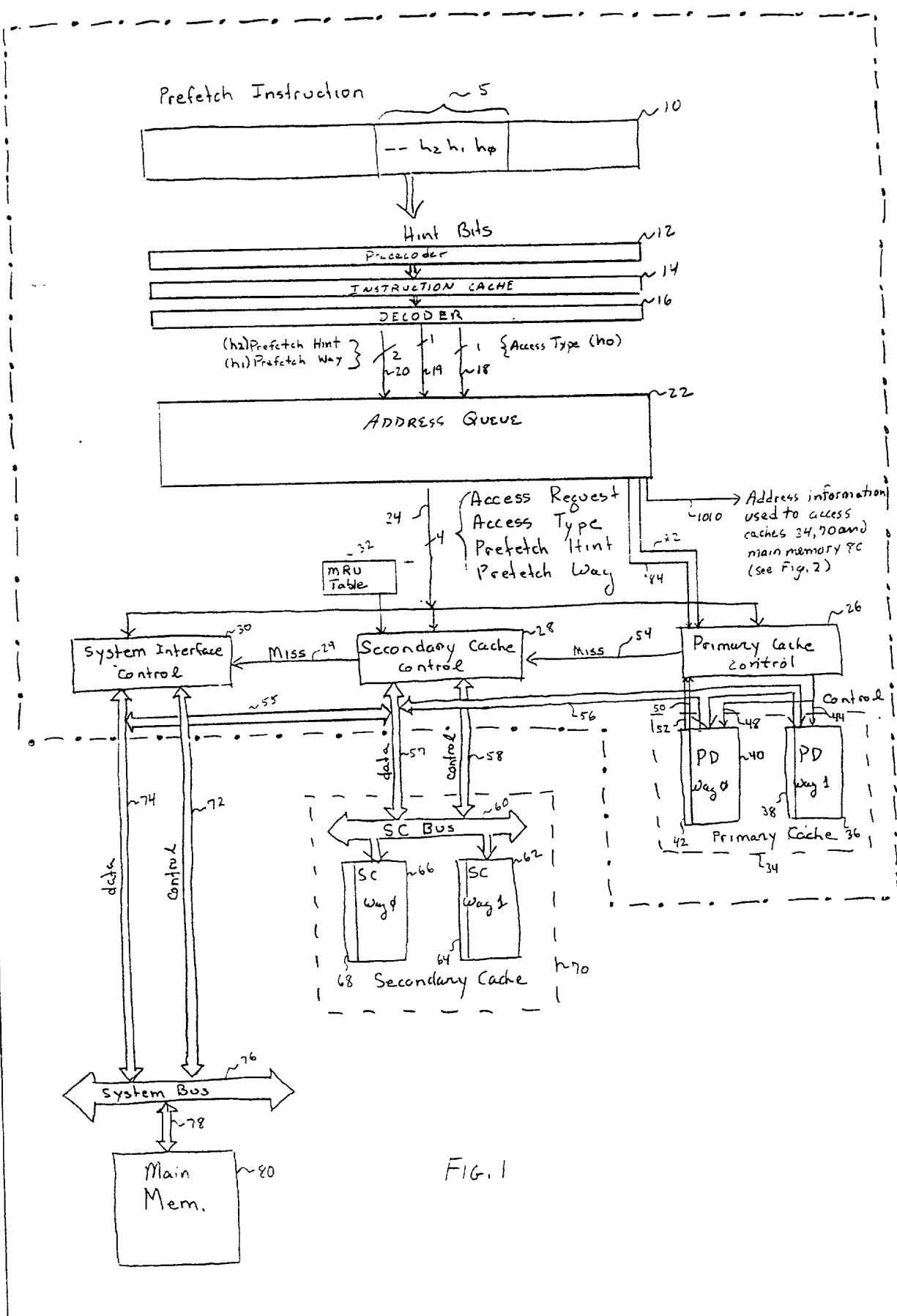
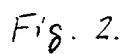


FIG. 1



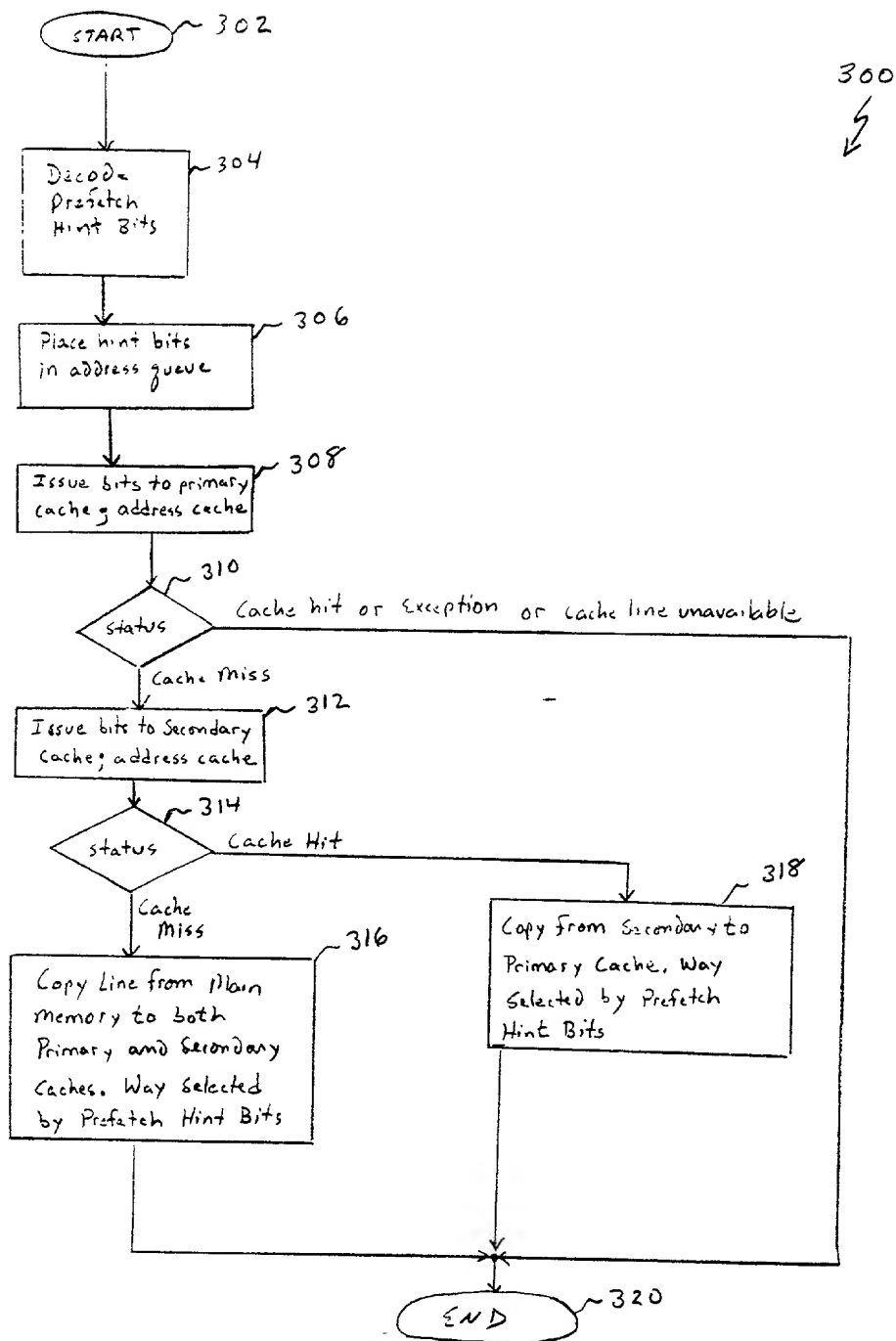


FIG. 3

Prefetch (hint = refill way 0)

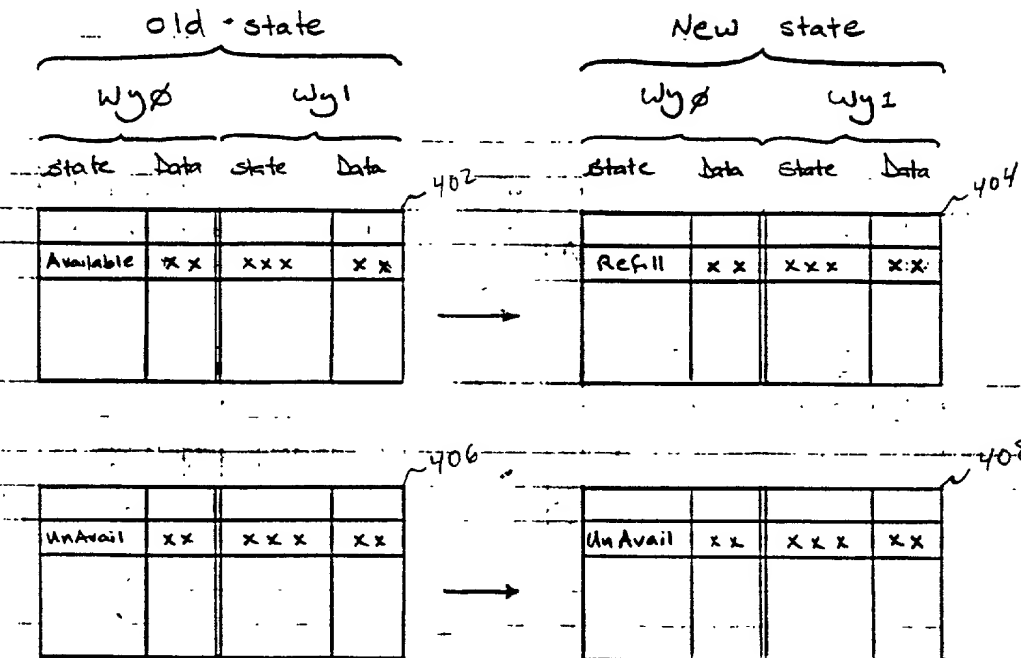


FIG. 4

Prefetch (hint = refill way 1)

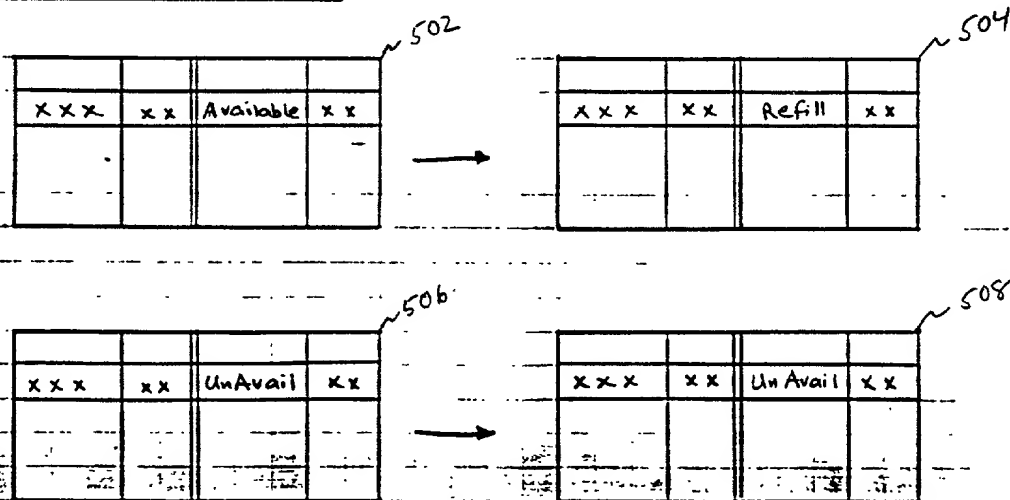


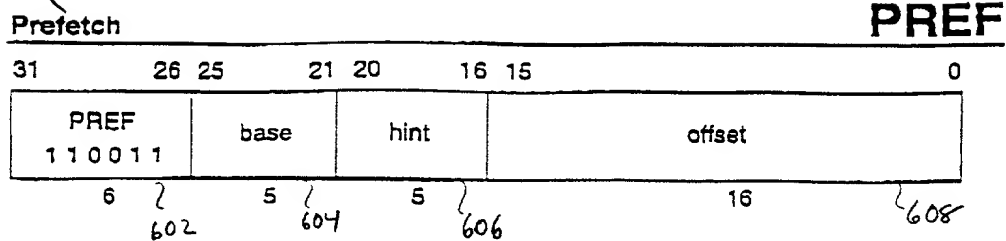
FIG. 5

22-141 50 SHEETS
 22-142 100 SHEETS
 22-144 200 SHEETS



AMPRO
 22-141 50 SHEETS
 22-142 100 SHEETS
 22-144 200 SHEETS

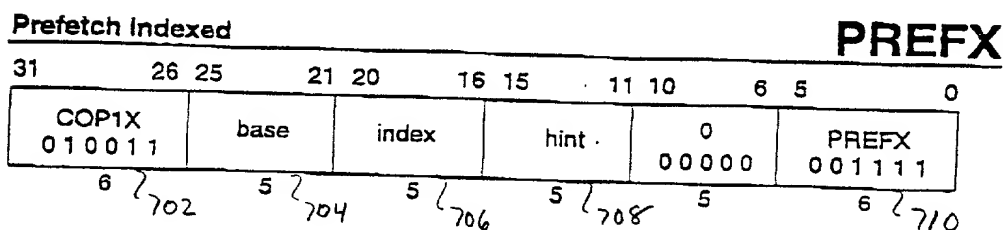
AMPRO
 22-141 50 SHEETS
 22-142 100 SHEETS
 22-144 200 SHEETS



Format: PREF hint, offset(base)
Purpose: To prefetch data from memory.
Description: prefetch_memory(base+offset)

MIPS IV

Fig. 6



Format: PREFX hint, index(base)
Purpose: To prefetch locations from memory (GPR+GPR addressing).
Description: prefetch_memory[base+index]

MIPS IV

Fig. 7

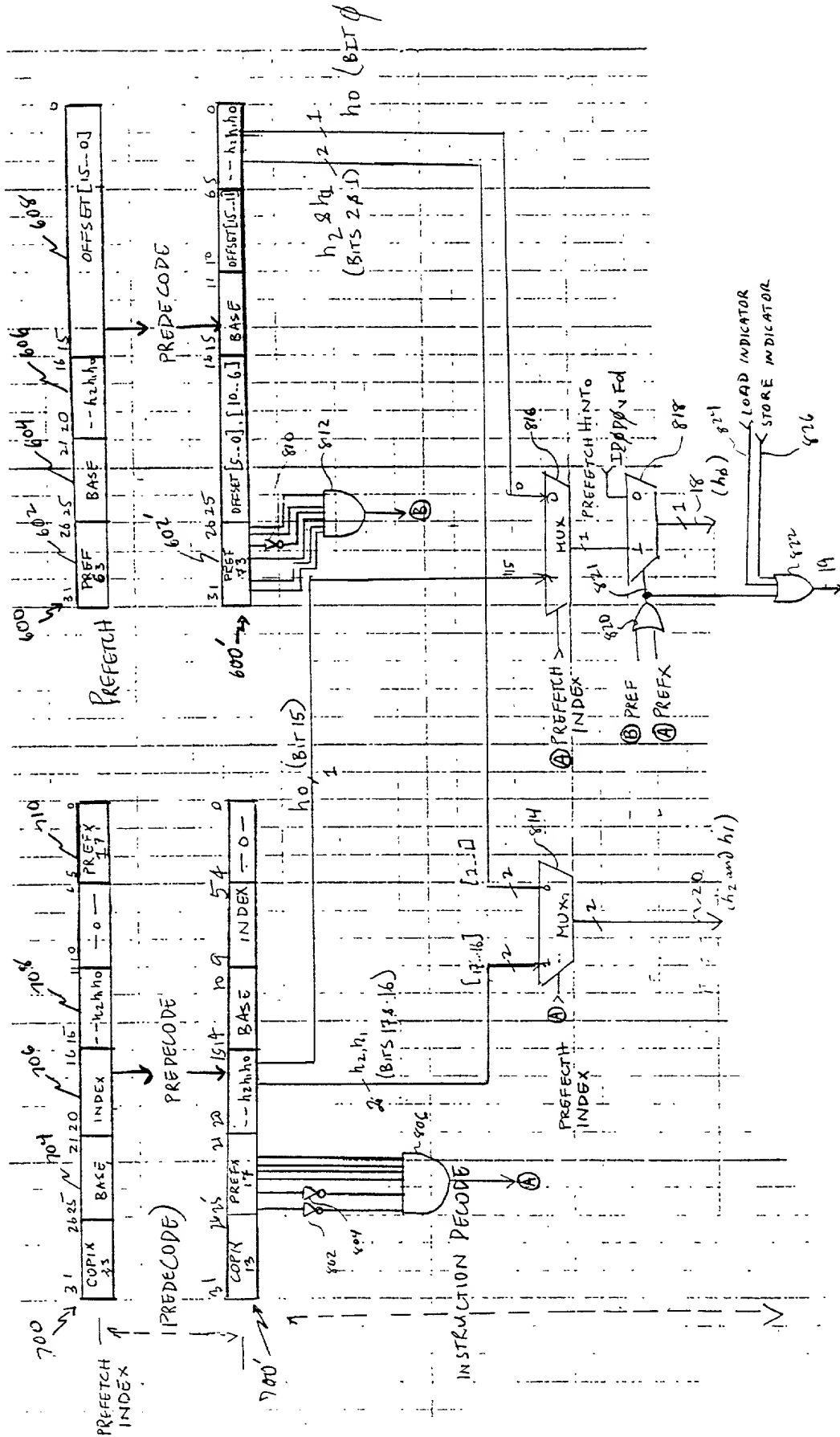


FIG. 8

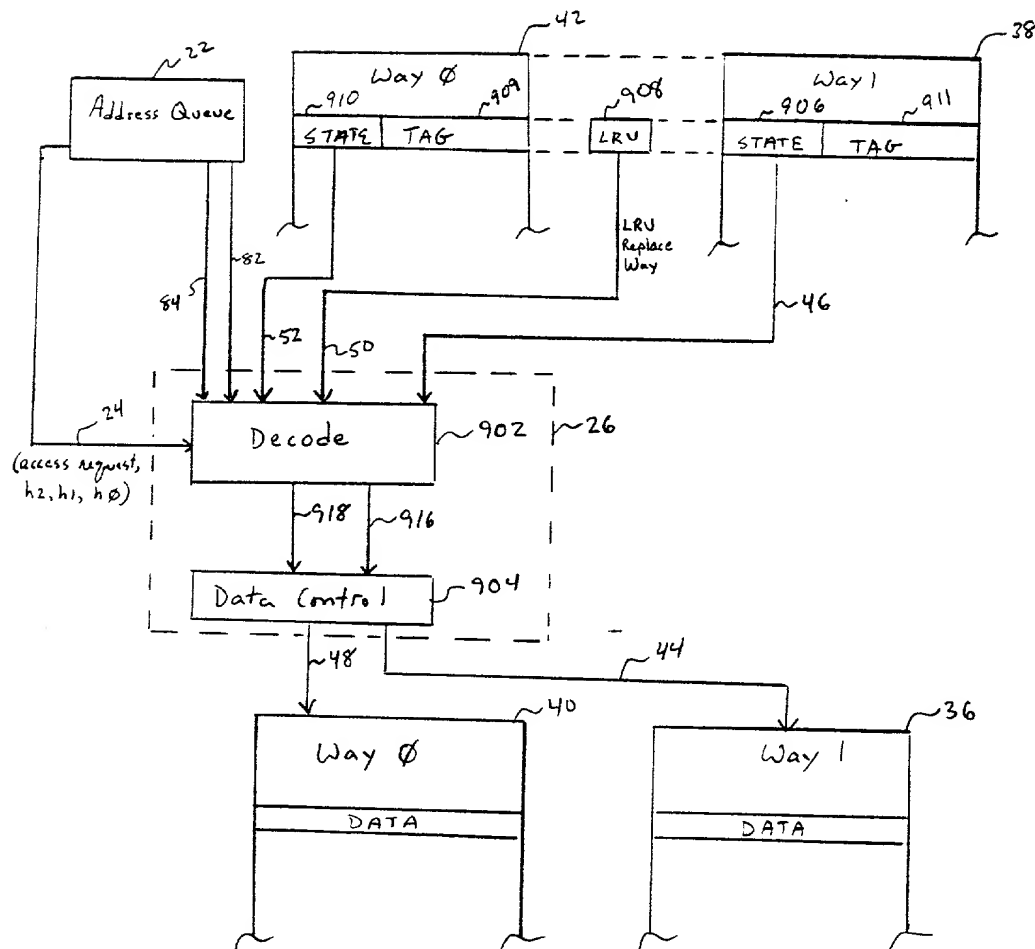
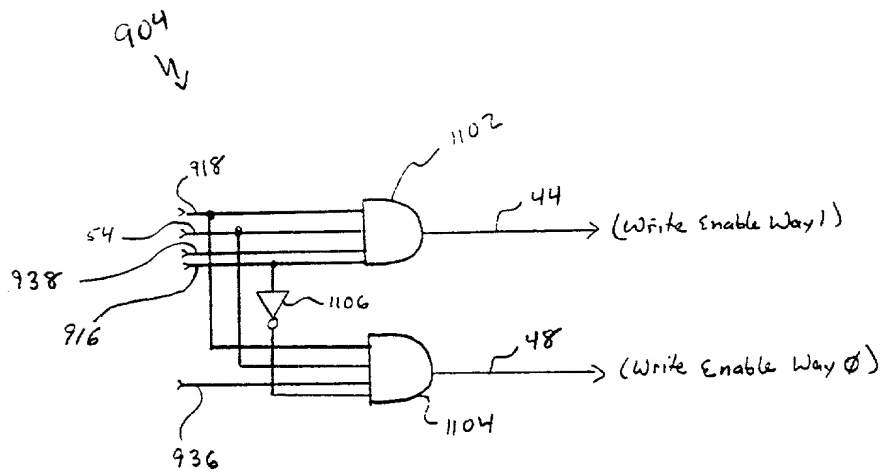
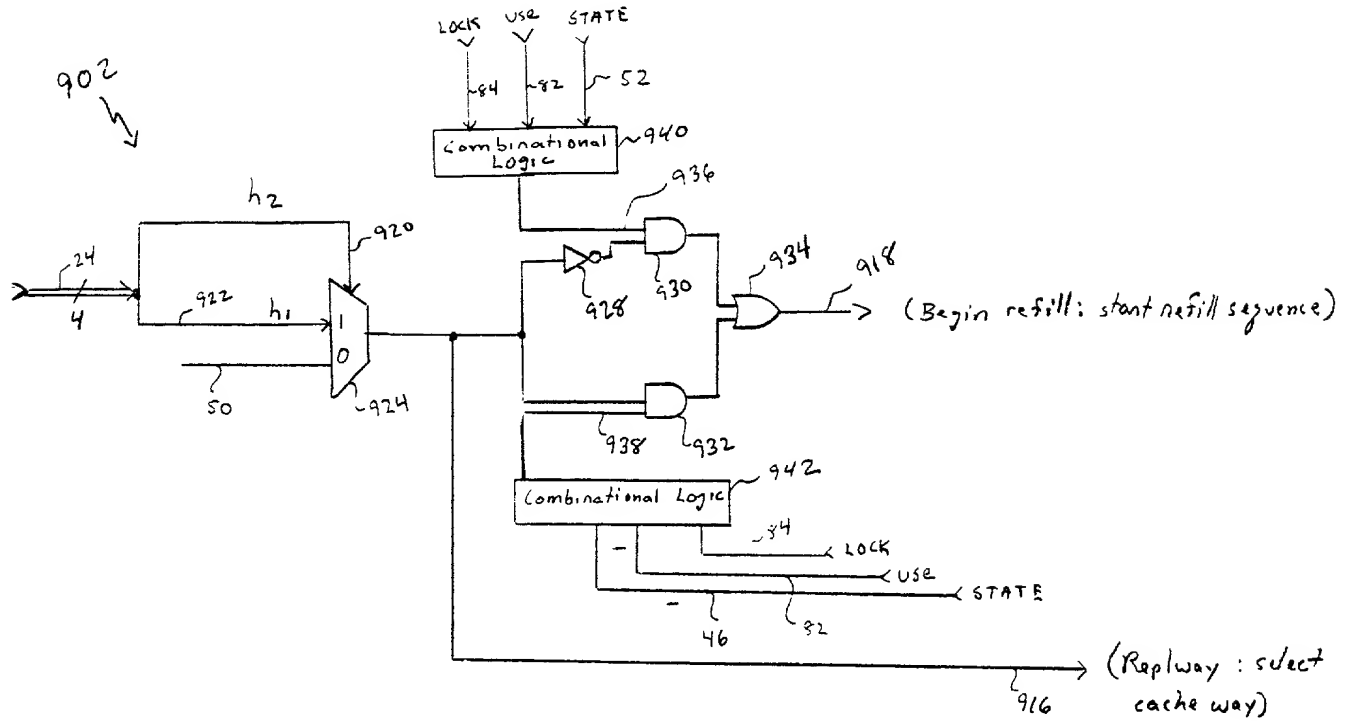


FIG. 9



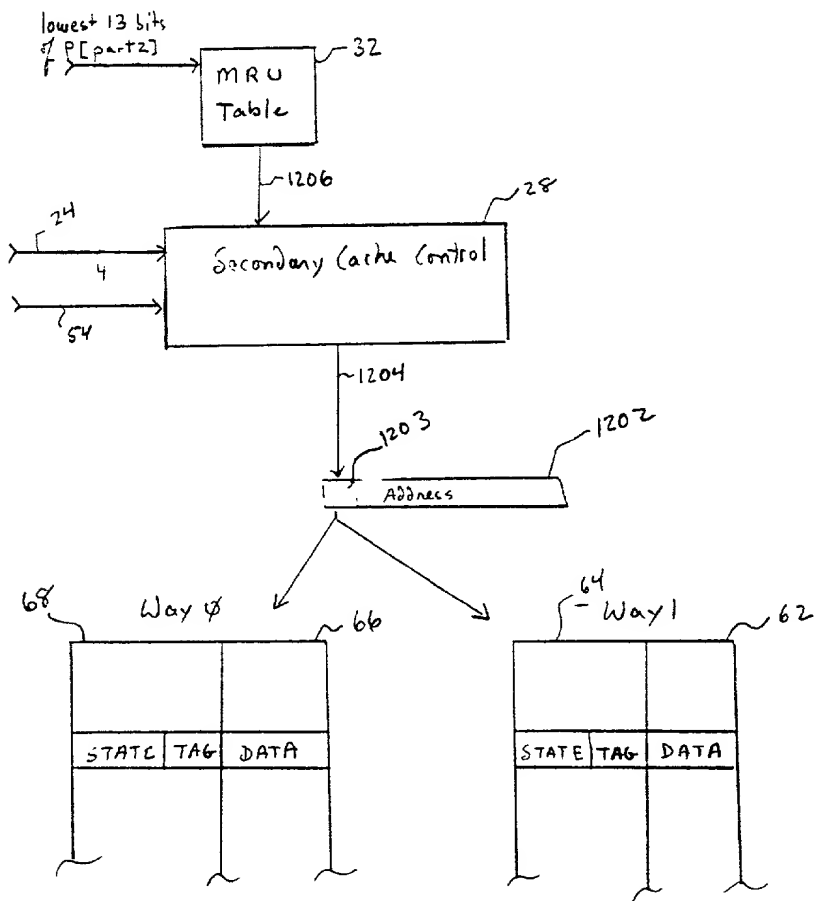


FIG. 12

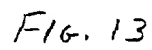


Fig. 13